

18. (New) An apparatus for moving pipes in a well which apparatus comprises:

(i) a stinger slidably mounted on a frame which stinger comprises a rod or tube the end of which is adapted to fit within the pipe to be moved;

(ii) a gripping means on the end of the stinger which is inserted into the pipe and which gripping means is adapted to grip the pipe;

(iii) a drive means which drives a screw threaded sub which drive means is adapted to slide along said stinger so that the screw threads on the sub can engage the screw threads on the end of the pipe; and

(iv) moving means adapted to move the sub and a pipe attached to the sub along the frame.

19. (New) An apparatus as claimed in Claim 18 in which there is a sealing means between the sub and the stinger, whereby well pressure in the well is contained while the sub slides along the stinger when in drilling mode.

20. (New) An apparatus as claimed in Claim 18 in which the frame is incorporated in or is a mast.

21. (New) An apparatus as claimed in Claim 18 in which the stinger is mounted on a stinger carriage which can slide along the frame or mast.

22. (New) An apparatus as claimed in Claim 18 in which the sub is driven by a drive carriage which can slide along the stinger and there is a seal between the drive carriage and the stinger.

23. (New) An apparatus as claimed in Claim 18 in which the sub is driven by a drive carriage which can slide along the stinger and there is a seal between the sub and the drive carriage and between the drive carriage and the stinger.

24. (New) An apparatus as claimed in Claim 18 in which there is a guide which supports and centralizes a tubular while it is pulled onto stinger and while it is being transported.

25. (New) An apparatus as claimed in Claim 20 in which the mast can be moved by a gantry from a horizontal position to a substantially vertical position.

26. (New) An apparatus as claimed in Claim 25 in which when a tubular is removed from a container onto the frame there are means to move the frame over a well head so that an end of the tubular is positioned over the well head and there are joining

means whereby the tubular can be connected to the well string in the well head.

27. (New) An apparatus as claimed in Claim 26 in which there is a reader means incorporated in the end of the stinger inserted in the pipe whereby information contained on the inside of the pipe can be read.

28. (New) An apparatus as claimed in Claim 18 adapted to receive an ISO container and locating means to locate the container so that a tubular contained in the container can be lined up with the stinger so that the end of the stinger can be inserted into the tubular.

29. (New) An apparatus as claimed in Claim 28 in which the tubulars are stacked in the ISO container in a diamond formation and in contact with a foam protective layer.

30. (New) An apparatus as claimed in Claim 28 in which the tubulars are stored in the ISO container in a diamond formation within pipes set in foam within the ISO container.

31. (New) An apparatus as claimed in Claim 18 which the stinger can withstand the majority of the force caused by the pressure

within the well head, while the tubular is "snubbed" in the well head with a relatively small force.

32. (New) An apparatus claimed in Claim 28 wherein all tubulars and tubular assemblies including all components normally introduced into a well bore are stored and transported to the well head area within ISO containers and from ISO containers to the well head by stingers of a plurality sizes.

33. (New) An apparatus claimed in Claim 32, wherein the whole operation can take place under water.

34. (New) An apparatus claimed in Claim 33, wherein the ISO containers remain in the vertical from launching into the water to being landed on the scabbed base structure and the X Y axes, for accessing the tubular stored in the ISO containers, are both horizontal and the stinger and mast must remain in the vertical for both drilling and warehousing modes.

Respectfully submitted,



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